

## **Oath & Assignment**

1. The undersigned, Xiaoqiang Luo  
citizen of the United States  
residing at 29 Overlook Road, Ardsley, New York 10502

The undersigned, Robert Todd Ward  
citizen of the United States  
residing at 30 Scenic Drive, Apt. Q, Croton on Hudson, New York 10520

hereby undertake that the invention/new utility model/new design entitled

### **CHINESE CHARACTER-BASED PARSER**

was truly invented by me/us. The undersigned understands that willful false statements are punishable by laws.

2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design as far as the Republic of China is concerned to

### **INTERNATIONAL BUSINESS MACHINES CORPORATION**


(hereinafter called "Assignee"), a corporation organized and existing under the laws of the State of New York, USA

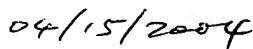
and located at New Orchard Road, Armonk, NY 10504, USA

and do hereby declare that the Assignee is entitled to applying for and obtaining patent rights on the invention/new utility model/new design in its own name in the Republic of China.

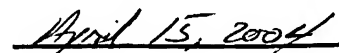
Signature(s)

Date

  
\_\_\_\_\_  
Xiaoqiang Luo

  
\_\_\_\_\_  
04/15/2004

  
\_\_\_\_\_  
Robert Todd Ward

  
\_\_\_\_\_  
April 15, 2004

A S S I G N M E N T

Whereas, we,

(1) Xiaoqiang Luo  
County of Westchester

of Ardsley  
and State of New York

and

(2) Robert Todd Ward  
County of Westchester

of Croton on Hudson  
and State of New York

have invented certain improvements in

**Chinese Character-Based Parser**

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, 2004, and  
(2) April 15, 2004.

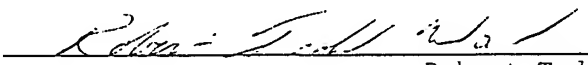
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Yorktown Heights, NY on April 15, 2004.

  
\_\_\_\_\_  
Xiaoqiang Luo

and (2) Signed at Yorktown Heights, NY on April 15, 2004.

  
\_\_\_\_\_  
Robert Todd Ward

**BEST AVAILABLE COPY**